

4013-52

Touch Screen Rear View System



Key Vaule Highlight

- HD Image Detail

The 4013-52 camera system can deliver image detailed in 720p HD resolution with its 1/3 inch CMOS sensor.

- 7 inch touch screen

The driver can easily enlarge the image by finger-touch on the screen.

- Real-time video with zero delay

The driver can learn the situation at the rear of the vehicle during the driving.

- Plug & play Setup

The install can complete the system with simple plug and play, no need to configure each of the camera front-end.

- SSD storage support

The 4013-52 system can take 2.5 inch SSD harddrive and record footage.

- Ultra Wide Angle View

The 4013-52 camera system can cover 103 degree wide area in front or rear of the vehicle.

- Night vision

The 4013-52 camera system can capture clear image at night with its built-in infrared LEDs.

Typical Application

School bus

Truck

Logistics

Van

other Vehicle

Specification

DVR Specification	
Operating System	Embedded LINUX
Pentaplex	Simultaneous View, Record, Playback, Backup, and Remote Monitoring
Number of Channels	4
Inputs/Outputs	
Video IN	4 composite video 1 Vpp 75 ohm
Video OUT	HDM
USB Port	2 at the back (one USB 3.0)
Video Output Resolution	MAX 1080p
Display	
Live Display	1, 2x2
Live Display Speed	120 NTSC, 100 PAL
Monitor	7inch LCD
Touch Screen	Yes
OSD	ON/OFF
System Navigation	USB Mouse
Motion Area Setting	Adjustable grid (22x18)
Sensitivity levels	1-6
Firmware Upgrade	via USB device
User Authority	By user group
Recording	
Video Compression	H.264
Resolution	720P (1280x720)
Record Rate	NTSC: 120FPS @ 780P PAL: 100FPS @ 780P
Record Resolution Setting	Per camera for different resolutions
Recording Quality	6 Levels
Record Schedule	By hour, by day, by recording mode, by motion, by channel
Reliability	Watch-Dog, auto-recovery after power failure
Covert Video	Yes
Playback	
Playback Channel	4
Playback Speed	Variable Max 8x
Search	By time & event

Storage & Archive	
Storage	Up to 1 HDD (2.5 inch SATA)
Maximum Capacity	Up to 1 x 1TB
Backup Media	USB flash drive, HDD, & Network
Backup File Format	H.264 or AVI file
Storage & Archive	
Supported OS	Windows™, Mac OS
Remote Software	GOLBONG Operation Software, CMS5
Instant Smart Phone & Tablet Support	iPad®, iPhone®, Android™
Network Protocol	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter
Network Interface	10/100–Base-TX, RJ-45
DVR General	
Power Consumption	10 watts (No HDD Installed)
Supply Voltage	12V DC, 2A,
Camera	
Imaging Device	1.3MP 1/3" CMOS
Effective Pixels	1280*960
Day / Night	Auto (ICR) / Color / B/W
Min. Illumination	0.5lux (Color); 0.05lux (B/W)
S/N Ratio	>50dB
Field of View (H)	103°
Lens Type	2.8mm fixed lens, F1.6
IR Illumination	Yes, 850nm
Video Output	1 composite video 1 Vpp 75 ohm
Video	
Video Compression	H.264
Resolution	720P (1280x960)
Aspect Ratio	16:09
Frame rates (Maximum)	1.3MP (1280*960)@ 25fps
Wide Dynamic Range	Digital WDR
Backlight Compensation	BLC / HLC / DWDR
Noise Reduction	3D